

Assumption Parish

Operational Situation Summary

- Emergency Management:
 - Parish Emergency Declared – 19 June 2012
 - Extended 30 days on 19 July 2012
 - State Emergency Declared – 3 August 2012
 - LA Hwy 70 Open for traffic
 - Mandatory Evacuation still in effect
 - Security plans in place to secure slurry area
 - Parish continues blog to inform residents
 - Parish shelter still available for use by residents
 - Facilitating the askGOHSEP@la.gov for questions

Assumption Parish Operational Situation Summary

- Public Safety:
 - LSP providing air craft support for daily over flight
 - LSP providing HAZMAT support
 - LDWF providing air boat support daily to parish
 - No market or recreational hunting or fishing in restricted area
 - LSA Command Post on site

Assumption Parish Operational Situation Summary

- Department of Natural Resources:
 - All pipelines on ROW shut in and empty
 - Confirmed pipelines not source of bubbles
 - Slurry area developed on 3 Aug 2012
 - Slurry area 200' northwest of Texas Brine pad
 - Slurry area currently 300' x 400'
 - Diesel present at slurry area
 - Salt water present at slurry area
 - Staff reviewed 4 hydrocarbon storage and 6 brine cavern wells and associated cavern files
 - DNR personnel reporting daily for continuing operations
 - Continuing source investigation
 - Continuing to perform file reviews
 - Ongoing interaction with the science team
 - Emergency Use Authorization issued by Coastal Management
 - Field staff assisting with oversight of diesel clean-up

Assumption Parish Operational Situation Summary

- Department of Environmental Quality
 - Air monitoring conducted on 95 private properties with no dangerous readings to date
 - Monitoring and sampling for Naturally Occurring Radioactive Materials (NORM) with no dangerous readings to date
 - Diesel and dissolved natural gas confirmed in water at slurry site; chlorides slightly elevated at surface samples; data on deep samples will be forthcoming
 - Air monitoring for VOC's (Diesel) continues with no dangerous levels detected off site (1000' away)
 - Mobile Air Monitoring Lab (MAML) is on location to conduct air monitoring and to analyze air samples
 - Water sampling in the bayou indicates no water pollution associated with the incident

Assumption Parish

Operational Situation Summary

- Department of Environmental Quality (continued)
 - DEQ personnel reporting daily for continuing operations including air monitoring using handheld equipment in the community and in the areas of bubbling in Bayou Corne
 - Sampled 12 industrial supply ground water wells to identify extent of natural gas presence in aquifers
 - Collected air samples for isotopic analysis as part of the gas collection activities at the gas seep (bubbling sites), well site, and potential industrial sources
 - Providing oversight of the remediation of the diesel at the slurry site
 - Deep testing of slurry area (50', 100' and 150'), preliminary results show increasing salinity with depth

Assumption Parish Operational Situation Summary

- DHH / Office of Public Health
 - DHH provided a letter to Assumption Parish President Martin Triche, signed by Dr. Raoult Ratard, stating that after reviewing data which has been provided to date there have been no potential health effects noted.
 - DHH/OPH Region 3 and Central Office staff are participating in conference calls and meetings called by GOHSEP in regards to the response to the Bayou Corne incident.
 - Section for Environmental Epidemiology continues to analyze data provided by the Department of Environmental Quality looking for a reading that would indicate a potential health risk. To date no data has been reviewed that would indicate a potential health effect risk.

Assumption Parish

Operational Situation Summary

- DHH / Office of Public Health (Continued)
 - DHH Safe Drinking Water Program has been monitoring reports of the expansion of the slurry/hole to ensure that water distribution underground piping is not compromised.
 - Per the Assumption Parish Office of Emergency Preparedness via Kayla Guerrero, Region 3 Public Health Emergency Response Coordinator, to date there have been no evacuees in the shelter at Belle Rose Middle School.

Assumption Parish Operational Situation Summary

- Department of Transportation and Development
 - Monitoring and surveying roadways and bridges in the area for ground movement and wear from increased traffic
 - Developed a traffic contingency plan if it is needed
 - Establishing GPS subsurface monitoring system
 - Providing aerial photography of the slurry area weekly

Assumption Parish Scientific Situation Summary

- USGS:
 - No significant tremors detected since 2 August 2012 day before slurry appeared
 - Earthquakes estimated between 200 and 600 meters deep
 - Continuing to monitor seismic activity at the six seismograph locations
- LGS:
 - Water sand exist from 150' to 400' below surface above the salt dome

Assumption Parish Scientific Situation Summary

- Scientific Workgroup theories of cause:
 - Salt Dome moving – natural migration of gas
 - Failed cement casing in Texas Brine well
 - Cavity Failure
 - Salt / Caprock falling from top of the cavern
 - Natural
 - Man made (including penetration into sediments by cavern)
 - Gas storage cavern connections, communications by fractures
 - Regional Tectonic activity (movement on growth faults)
 - A combination of above events

Next Operational Period (13-15 Aug 2012)

Incident Action Plan

- DNR :
 - Office of Conservation orders Texas Brine to conduct cavern integrity test by drilling investigatory well
 - Anticipate receipt of permit to drill on 8-13-12
 - Assist DEQ in obtaining water samples from water wells screened in Mississippi River Alluvial aquifer
 - Assist DEQ with diesel clean-up oversight
 - Continue source investigation
 - Continue file review
 - Continue to participate with science team

Next Operational Period (13-15 Aug 2012)

Incident Action Plan

- DEQ:
 - Continue to conduct air monitoring in the community and in the area of the bubbling in Bayou Corne
 - Continue to monitor air quality in the community and analyze air samples using the Mobile Air Monitoring Lab (MAML)
 - Submit samples for hazard assessments and source/cause identification
 - Conduct any test required by scientific group to aid in source/cause identification
 - Continue to provide oversight of the remediation of the diesel at the slurry site

Next Operational Period (13-15 Aug 2012)

Incident Action Plan

- DHH / Office of Public Health:
 - DHH/OPH Region 3 and Central Office staff will continue to participate in conference calls and meetings called by GOHSEP in regards to the response to the Bayou Corne incident.
 - Section for Environmental Epidemiology will continue to analyze data provided by the Department of Environmental Quality looking for any reading that would indicate a potential health risk. SEET will report their results of their analysis in a timely manner.
 - DHH Safe Drinking Water Program will continue to monitor the incident especially reports of any expansion of the slurry/hole that might compromise the water distribution underground piping system.

Next Operational Period (13-15 Aug 2012)

Incident Action Plan

- DHH / Office of Public Health: (continued)
 - SEET is currently reviewing NORM (Naturally Occurring Radioactive Materials) water sampling results received from LDEQ.
 - DHH Safe Drinking Water Program will continue to monitor the incident especially reports of any expansion of the slurry/hole that might compromise the water distribution underground piping system.

Next Operational Period (13 -15 Aug 2012)

Incident Action Plan

- Scientific Group:
 - Science team confirmed Commissioner of Conservation requiring investigatory well is appropriate action
 - Next Scientific Group meeting to be scheduled early in the week of 8/13/2012 in the LaSalle Building
 - Waiting on additional sample analysis
 - Anyone can submit information at any time
 - Additional members being added to the team

Assumption Parish Long Range Plan

- DNR:
 - Texas Brine conducts drilling well in accordance with order
 - Next Scientific Group meeting will be scheduled for the week of 8/13/2012
- DEQ:
 - Continue to conduct sampling on air and water in area of operation